

**APPENDIX D:
APPENDIX II TO ALE TEST PLAN - LOG SHEETS FOR RECORDING
TEST DATA WHEN USING THE STANDARD TEST AUDIO COMPACT
DISC**

Log Sheets for Recording Test Data

The following spreadsheets are provided with the CD-01a documentation floppy disk to aid the tester during a test. The first set of sheets, comprised of four pages, lists each track on the CD. Information such as the channel through which the CD's calls should be transmitted, the call signs of the sender and receiver, and whether or not the unit should link, return to scan or receive an AMD is provided in a check-list format as a guide to the tester. The last sheet is to be used by the tester to record any unusual activity that the UUT displays.

ALE Interoperability Test Data Log CD-01a

Compact Disc to UUT1 ()
UUT2 to UUT1 ()

Page ____ of ____

Testers: (name & signature)

Date _____
Location _____
Radio _____
Model _____
Options _____

UUT1 S/N _____
UUT2 S/N _____

Track Test	Call type	CD/UUT2 channel	UUT1	Additional	From	To	Link	AMD	RefnScan	Expected Outcome	OK?
4 01A	Sound	1 *	Scan		A					Receive sound	
5 01B	Sound	10 **	Scan		BC					Receive sound	
6 01C	Sound	5	Scan		GHJK					Receive sound	
7 01D	Sound	5	Scan		LMNOPQRSTUVWXYZ					Receive sound	
8 01E	Sound	5	Scan		1234567890					Receive sound	
9 01F	Sound	5	Scan	Clean Tone	DEF					Receive sound, Best channel score	
10 01G	Sound	7	Scan	SNR = 16dB, BW = 3kHz	DEF					Receive sound, Channel score	
11 01H	Sound	2	Scan	SNR = 10dB, BW = 3kHz	DEF					Receive sound, Channel score	
12 01J	Sound	6	Scan	SNR = 5dB, BW = 3kHz	DEF					Receive sound, Worst channel score	
N/A	Call from UUT1 to CD	Local	Auto		Z12	DEF				Channel order: 5, 7, 2, 6	
13 02A	15 Quick Sounds	5	5		See Attached List					Receive sounds	
14 02B	15 Quick Sounds	5	5		See Attached List					Receive sounds	
15 02C	15 Quick Sounds	5	5		See Attached List					Receive sounds	
16 02D	15 Quick Sounds	5	5		See Attached List					Receive sounds	
17 02E	15 Quick Sounds	5	5		See Attached List					Receive sounds	
18 02F	15 Quick Sounds	5	5		See Attached List					Receive sounds	
	* Channel 1 is low extreme in frequency										
	** Channel 10 is high extreme in frequency										
19 02G	10 Quick Sounds	5	5		See Attached List					Receive sounds	
20 03A	Allcall	5	Scan		GEORGE	@/				Link	
21 03B	Allcall w/AMD	5	Scan	THIS IS AMD	GEORGE	@/				Link + AMD	

Certified Correct by _____

NTIA: CDLOG01A.XLS
1/26/95

NTIA: CDLOG01A.XLS
1/26/95

D-4

ALE Interoperability Test Data Log CD-01a

Page ____ of ____

Compact Disc to UUT1 ()
UUT2 to UUT1 ()

Track Test	Call Type	CD/UUT2	UUT1	Additional	From	To	Link	AMD	RetnScan	Expected Outcome	OK?
41 0xH	Net call - Linking w/AMD BACK TO SCAN	5	Scan	LQA THIS IS AMD	GEORGE	NT2				Same as 6C (Track 36) with some responses on left channel in slots 1, 8 & emergency response from JAMES in slot 0. Scan	
42 0xJ	Net call - Linking w/AMD BACK TO SCAN	5	Scan	LQA THIS IS AMD	GEORGE	NT2				Same as 6C (Track 36) with some responses on left channel in slots 1, 8 & garbage in slot 0	
43 07A	Star Group - Linking	5	Scan		RONNIE	Group (5)				GHJKLMNOPSTUVW in slot 5, Link	
44 07B	Star Group - Linking	5	Scan	LQA Request	RONNIE	Group (5)				GHJKLMNOPSTUVW in slot 5, Link	
45 07C	Star Group - Linking w/AMD	5	Scan	LQA Request THIS IS AMD in ack	RONNIE	Group (5)				GHJKLMNOPSTUVW in slot 5, Link + LQA in call, AMD in ack	
46 07D	Star Group - Linking	5	Scan		RON	Group (3)				123DEF in slot 3, with a response in slot 1. Link	
47 07E	Star Group - Linking	5	Scan		RONNIE	Group (5)				Same as 7A (Track 43) with some responses on left channel in slots 1	
48 07F	Star Group - Linking	5	Scan		RON	Group (4)				123DEF in slot 4 with a NULL address in slot 2. Link	
49 08A	Anycall - Linking	5	Scan		DOC	@@?				TRA in any slot 1 - 16. Link, Time=17x20Tw(44.4s)	
50 08B	Anycall - Linking	5	Scan	LQA	DOC	@@?				TRA in any slot 1 - 16. Link, Time=17x20Tw(51.1s)	
51 08C	Anycall - Linking w/AMD	5	Scan	LQA in call THIS IS AMD	DOC	@@?				TRA in any slot 1 - 16. Link, Time=17x20Tw(51.1s)	
52 09A	Anycall - Linking	5	Scan		DOC	@@A				TRA. Link	
53 09B	Anycall	5	Scan		DOC	@@Z				No response, continues to scan	
54 09C	Anycall	5	Scan		DOOM	@@Z				No response, continues to scan	
55 10A	Wildcard - Linking	5	Scan		DUMB	TR?				TRA. Link	
56 10B	Wildcard - Linking	5	Scan		DUM	???DEF				123DEF. Link	
57 10C	Wildcard (bogus)	5	Scan		DUMB	???DEF				Illegal call, unit continues to scan	
58 11A	Receiving AMD after linked. BACK TO SCAN	5	Scan	WOW	TOM TOM	BOB				TOM links with BOB TOM sends AMD to BOB TOM breaks link. Scan	
59 11B	** Call from UUT1 to CD w/AMD	5	Call on 5	!*\$%&'()*+,-,./:;<=>?@A BCDEFGHIJKLMNOP QRSTUVWXYZ[\]^_` !*\$%&'()*+,-,./:;<=>?@A 01234567	PROVEAMINDINRESP ESP	AMNDINR ESP				Link + AMD received on UUT1	
60 12A	Allcall w/ AMD BACK TO SCAN (increase audio gain)	5	Scan	P99001 (SN = 0.0 dB) Q30002 (SN = 30 dB) Q10003 (SN = 10 dB) Q1004 (SN = -1.5 Control bit KD4 = 0	TOM	@/?@				Link + AMD. Scan Link + AMD. Scan Link + AMD. Scan Link (50%) + AMD. Scan	
#61 13A	Ind Call - Linking w/DIM	5	Scan	Control bit KD4 = 0	GEORGE	BOB				Link	
#62 13B	Ind Call - Linking w/DIM	5	Scan	Control bit KD4 = 1	GEORGE	BOB				Link	

NT1A: CDLOG01A.XLS
1/26/95

Certified Correct by _____

D-5

ALE Interoperability Test Data Log CD-01a

Compact Disc to UUT1 ()
UUT2 to UUT1 ()

Page ____ of ____

Track Test	Call Type	CD/UUT2	UUT1	Additional	From	To	Link	AMD	RetnScan	Expected Outcome	OK?
#61 13A	Ind Call - Linking w/DTM	5	Scan	Control bit KD4 = 0	GEORGE	BOB				Link	
#62 13B	Ind Call - Linking w/DTM	5	Scan	Control bit KD4 = 1	GEORGE	BOB				Link	
#63 13C	DTM message	5			GEORGE	BOB				Should not receive, optional test for debugging only	
#64 13D	DTM message	5			GEORGE	BOB				Should not receive, optional test for debugging only	
#65 14A	** Call acceptance sound - Linking	5	5		BOB	TOM				UUT1 (BOB) calls TOM after TOM issues sound, Link	
	** UUT1 Initiates call										
	# OPTIONAL										

NTIA: CDLOG01A.XLS
1/26/95

Certified Correct by _____

D-6

Compact Disc to UUT1 ()
UUT2 to UUT1 ()

Page ____ of ____

CD Version _____

Testers: (name & signature)

Date _____

Location _____

Radio _____

Model _____

Options _____

Certified Correct by _____

NTIA: CDLOGX.XLS
12/28/94

